

# MSDS Document

## Product SustainWood

### 1. Chemical Product and Company Identification

Trade Name of this Product **SustainWood**

**MSDS ID 7269**

**Manufacturer**

PhibroWood, LLC  
65 Challenger Road  
Ridgefield Park, NJ 07660

**Phone Number**

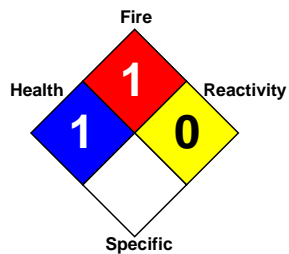
(201) 329-7300

**Emergency Phone**

CHEMTREC (800) 424-9300

CHEMTREC International (703) 527-3887

**Revision Date** 12/19/2007



### 2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
WOOD/WOOD DUST(EXCEPT RED CEDAR WITH TLV OF 0.5 MG/M3)	-	>98 %	1.0 mg/m3 *		
COPPER CARBONATE HYDROXIDE	12069-69-1	0.3% - 1.5%	1mg/m3 (Cu) *	1mg/m3 (Cu) *	
DISPERSANTS & SURFACTANT	Trade Secret	0.07% - 0.3%			
SODIUM NITRITE	7632-00-0	0.03% - 0.1%			
TEBUCONAZOLE	107534-96-3	0.008% - 0.03%			

\* Dust or Mist

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### 3. Hazard Identification

#### Ingestion

Ingestion of wood or wood dust is unlikely. If ingestion does occur, slight gastrointestinal irritation may result.

Copper salts when ingested in high doses can cause gastrointestinal disturbances, anemia and secondary liver and kidney damage.

#### Inhalation

Causes respiratory tract irritation.

#### Skin

May cause skin irritation.

#### Eye

Contact may cause eye irritation.

Certain species of wood and their dusts may contain natural toxins which may have adverse effects in humans.

Some wood species may cause dermatitis or allergic skin reactions in sensitized individuals. Prolonged or repeated inhalation of wood dusts may cause respiratory irritation, recurrent bronchitis, and prolonged colds. Some species may cause allergic reactions with asthma-like symptoms in sensitized individuals. Prolonged exposure to wood dust by inhalation has been reported to be associated with nasal and paranasal cancer.

### 4. First Aid Information

#### Eye

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

#### Skin

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Thoroughly wash (or discard) clothing and shoes before reuse.

#### Inhalation

Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

#### Ingestion

If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

### 5. Fire Fighting Measures

#### Flammable Properties

Material will burn in a fire. Dusts at sufficient concentrations can form explosive mixtures

with air.

### **Extinguishing Media**

Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

### **Fire fighting instructions**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire. Direct water stream may create dust explosion hazard.

## **6. Accidental Release Measures**

### **Clean-up**

Ventilate and evacuate area. Vacuum or sweep up material and place in a disposal container. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Do not flush to sewer.

## **7. Handling and Storage**

### **Handling**

Minimize dust generation and accumulation. May form flammable dust air mixtures. Wash thoroughly after handling. Use with adequate ventilation. Avoid breathing (dust, vapor, mist, gas). Avoid contact with eyes, skin, and clothing.

### **Storage**

Store in a cool dry place. Protect from heat, sparks, flame and isolated from incompatible materials. Keep container closed when not in use. Keep away from food and drinking water.

## **8. Exposure Controls and Personal Protection**

### **Engineering controls**

If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

### **Respirators**

A NIOSH-approved air purifying respirator with the appropriate cartridge or canister for the hazards may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

### **Other clothing**

Wear safety glasses with side shields (or goggles) and a face shield. Use gloves, and other body coverings, recommended for this material by manufacturers or suppliers based on test data showing adequate permeation and penetration resistance.

## 9. Physical and Chemical Properties

<b>Physical State</b>	Solid-varies
<b>Color/Appearance</b>	Varies
<b>Odor</b>	Wood odor
<b>Solubility</b>	Insoluble

## 10. Stability and Reactivity

### Thermal Stability

Stable under normal conditions of use and storage.

Low hazard for usual industrial or commercial handling.

### Incompatibility

Oxidizers, strong acids and aluminum.

### Conditions to Avoid

Heat, flames, ignition sources and incompatibles.

### Hazardous Polymerization

Will not occur.

### Hazardous Decomposition Products

Carbon dioxide and carbon monoxide may form when heated to decomposition.

Copper fumes, traces of hydrogen chloride, oxides of nitrogen and other toxic gases may be released during combustion or thermal decomposition.

## 11. Toxicological Information

### CARCINOGEN:

NTP - Known Carcinogen (Related To Wood Dust)

IARC - Monograph 62,1995(related to wood dust) Group 1(carcinogenic to humans)

OSHA - No

ACGIH - Classifies hardwoods as groups A1-confirmed human carcinogens (oak and beech) or A2-suspected carcinogens (birch, mahogany, teak, and walnut) and all other wood dust as A4-not classifiable as a human carcinogen.

The toxicological properties of this mixture have not been Thoroughly investigated. The following information describes The toxic properties of the components.

### TOXICITY DATA: (For 100% Copper Carbonate)

Oral Toxicity: LD50: 159 Mg/Kg (Rabbit)

LD50: 1350 Mg/Kg (Rat)

LD50: 900 Mg/Kg (Bird)

LDLo: 900 Mg/Kg (Duck)

LDLo: 1000 Mg/Kg (Pigeon)

### TOXICITY DATA: (For 100% Tebuconazole)

Oral Toxicity: Ld50: 4000 Mg/Kg (Male Rat) Approx.  
Ld50: 1700 Mg/Kg (Female Rat)  
Skin Toxicity: Ld50: >5000 Mg/Kg (Rat)  
Inhalation Toxicity: Lc50: >5000 Mg/M3/4hr (Rat)  
Ldl0: 1000 Mg/Kg (Pigeon)

TOXICITY DATA: (For 100% Sodium Nitrite)  
Oral Toxicity: LD50: 85 Mg/Kg (Rat)  
LD50: 186 Mg/Kg (Rabbit)  
LD50: 175 Mg/Kg (Mouse)  
LDLo: 71 Mg/Kg (Human) Cns And Blood Effects

## 12. Ecological Information

Keep out of waterways.

## 13. Disposal Considerations

### Disposal Method

Dispose in accordance with applicable federal, state, local environmental and regulatory requirements.

## 14. Transportation Information

Dot Shipping Name: SustainWood  
DOT Hazard Class: Not DOT Regulated  
Hazardous Ingredients: N/A  
Identification Number: N/A  
Packing Group: N/A  
Label: N/A

## 15. Regulatory Information

### Toxic Substances Control Act(TSCA)

Chemical ingredients are on the TSCA inventory.

### Superfund Reportable Quantity(RQ)

Not Regulated.

### Hazardous Waste No.

Not Regulated.

### Sara Title III (Section 313)

This product contains a copper compound which is subject to reporting. This product contains Sodium Nitrate which is subject to reporting.

### State Lists

This material contains ingredients that are listed for reporting or disclosure in the states of California, Connecticut, Illinois, Indiana, Kentucky, Louisiana, Massachusetts, Michigan, Minnesota, New Jersey, New York, North Carolina, Pennsylvania, or Rhode Island . Please

check with the appropriate state agencies.

**For States Not Listed**

Please check with the appropriate agencies.

**California Proposition 65 Warning**

This product may contain chemicals known to the state of California to cause cancer, or birth defects or other reproductive harm.

**Canadian Lists**

**DSL/NDSL**

The ingredients are on the Domestic Substances List.

WHMIS LIST: Sodium Nitrite is item number 1453 from the ingredient disclosure list and is subject to reporting at 1% threshold. Copper(II) carbonate hydroxide are item number 428 and subject to reporting at 1% threshold.

**16. Other Information**

It is reasonable to assume that copper compounds contain arsenic, cadmium, chromium, and lead in concentrations ranging from a few parts per billion to several hundred parts per million.

All information presented herein is given in good faith and is based on sources and tests considered to be reliable, but cannot be guaranteed. It is the user's full responsibility to accept risk for the safety, toxicity, handling, storage, and use of the product, as well as to determine the suitability of the product for a specific purpose. We make no warranty as to the results to be obtained in using the product; therefore all risks must be assumed by the user.

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